

Figure 1

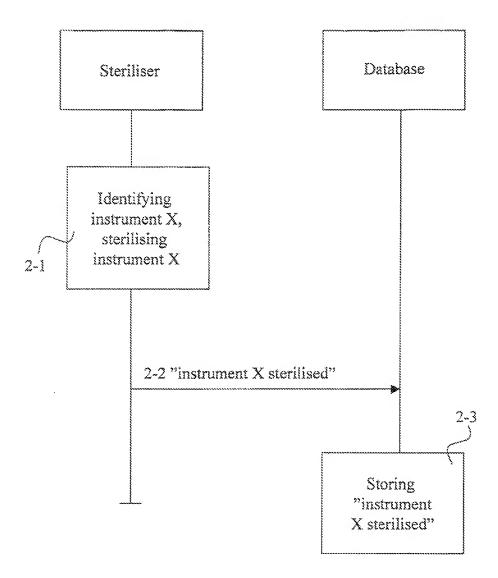


Figure 2

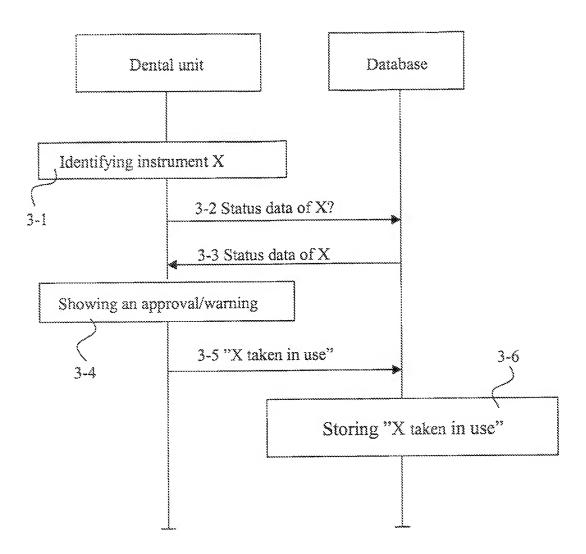
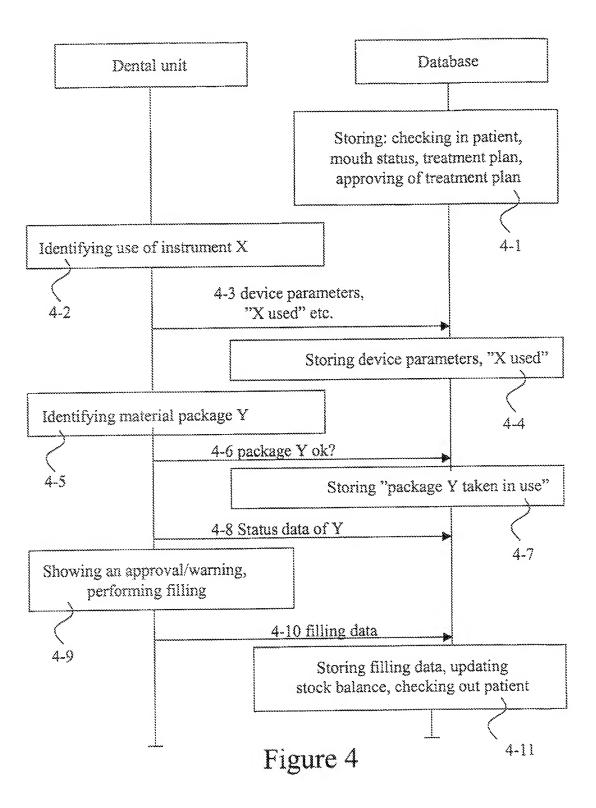


Figure 3



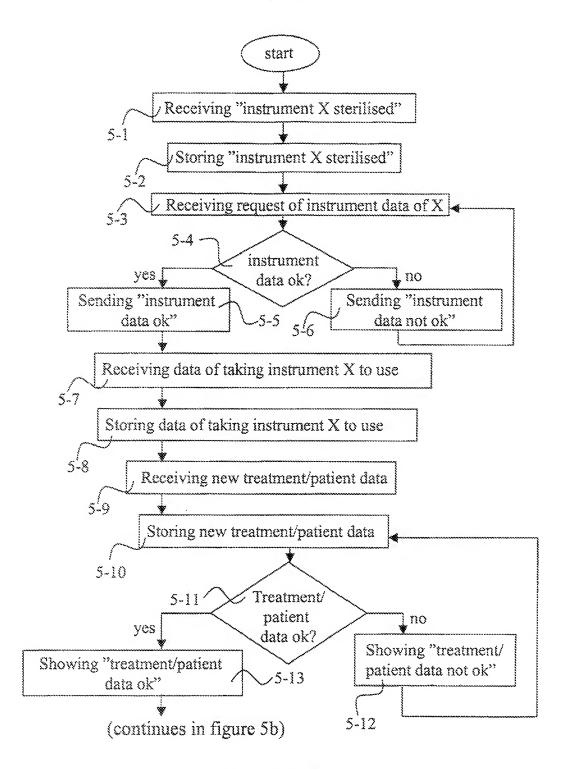


Figure 5a

(continues from figure 5a)

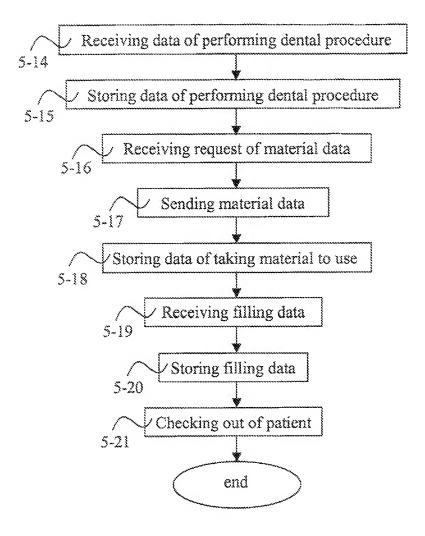


Figure 5b

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Hygienist Dentist Steriliser Data system Dental unit Stock control		Identification of instrument X	Sterilisation operation	Message to data system "X sterilised"	Entering data "X sterilised at the point of time T0" in database		Instrument X to storage	Instrument X to dental unit	Identification of instrument X	Reading history of instrument X	Possible warning of being unsteniised	Message to data system "Instrument X taken in use"	Entering "Instrument X taken in use at the point of time T1" in database	Checking in of patient P	Entering data "Treatment of patient P started at the point of time T2" in database	Surveys and registers mouth status	Entering updated mouth status in database	Draws up and registers treatment plan	Entering treatment plan in database	Informs patient and receives approval of plan	Entering data of informing patient and treatment plan in database	Removes caries	Identifies use of instrument X	Massame to dota sustant Datiant Datiant Datiant to was treated by incliniont X"
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Entering data "Patient P was treated by instrument X" in data system

Fetching material package Y Message to data system "Package Y taken to use" Reading data of package Y from data system Possible warning of out-of-date material Possible automatic setting of instrument parameters Uses light-curing instrument Message to data system "Package Y used"	iderial package Y Me Re Pc Pc Pc Resignt-curing instrument Me	Identifying package Y Message to data system "Package Y taken to use" Reading data of package Y from data system Possible warning of out-of-date material Possible automatic setting of instrument parameters Message to data system "Package Y used" Entering "Tooth H of patient P filled with material from package Y" in database Message to stock control "Material Y used"
aterial package Y	ารtานทิตณ์	strument
Jses light-curing instrument		
We	Me Entering "Tooth H of patie	Message to stock control
	Entering "Tooth H of patie	Entering "Tooth H of patie Message to stock control"
Message to stock control		
Message to stock control		
Message to stock control "Material Y used"		
Message to stock control "Material Y used" Updating stock ball Possible automatic Enters treatment performed and signs entries digitally	ters treatment performed and signs entries digitally	ters treatment performed and signs entries digitally

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